

Serial No. 10/519.282 Docket No. 890050.520USPC Inventor(s): Tatsuya Kato et al. JUN 2 U 2006 "REPLACEMENT SHEET" Express Mail No. EV741781209US **START** SETTING Pw TO PREDETERMINED LEVEL S1 RECORDING TEST SIGNAL REPRODUCING TEST SIGNAL RECORDED ON S2 -CHANGING RECORDING SECOND TRACK POWER PW AND RECORDING TEST SIGNAL **MEASURING S**3 PREDETERMINED SIGNAL **CHARACTERISTICS S5** SIGNAL CHARACTERISTICS SATISFIES NO REFERENCE CONDITIONS? **S4** YES REPORDUCING TEST SIGNALS LOWERING RECORDING RECORDED ON SECOND TRACK POWER PW AND S6 / AND THIRD TRACK RECORDING TEST SIGNAL MEASURING AMPLITUDE OF **S10** S7 4 REPRODUCED SIGNAL D2 AND D3 CALCULATING FIRST SIGNAL AMPLITUDE **S8** REDUCTION RATIO R1 R1 IS EQUAL TO NO OR LOWER THAN RC? **S9** YES DETERMINING OPTIMUM **S11** RECORDING POWER PW FIG. 3



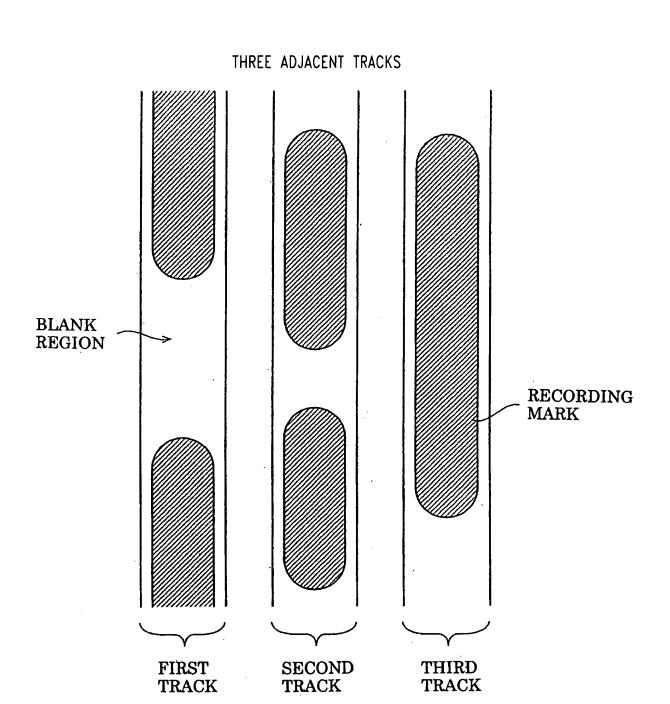
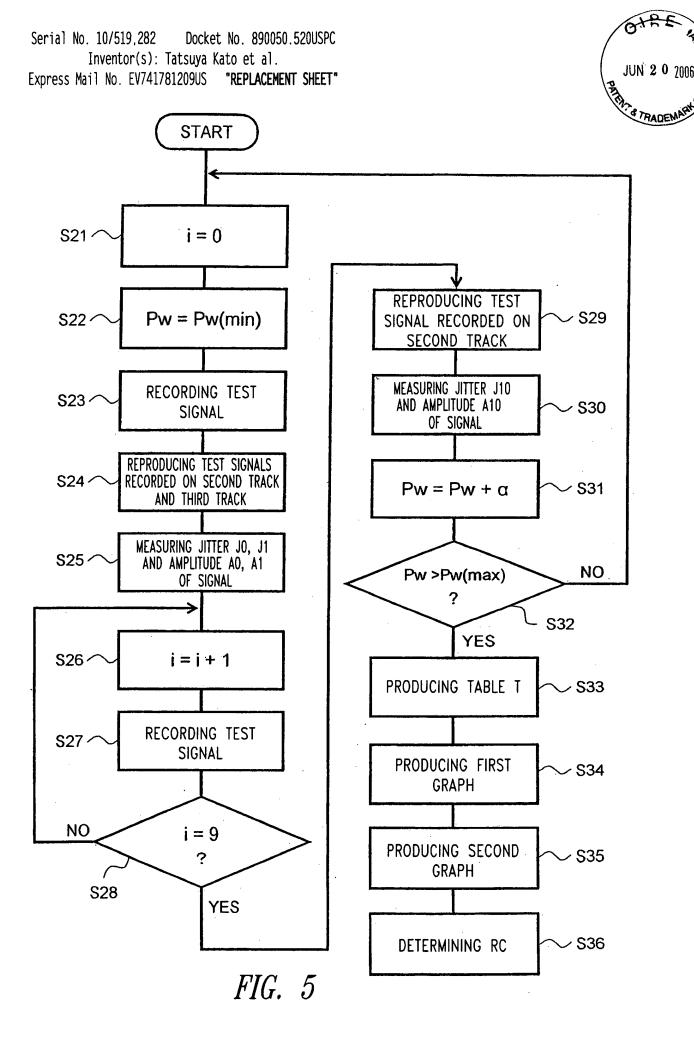


FIG. 4





	R1	R2	R3
Pw = Pw(min)	*****	*****	*****
$Pw = Pw(min) + \alpha ******$		*****	*****
	:	•	
Pw = Pw(max)	*****	*****	*****

FIG. 6

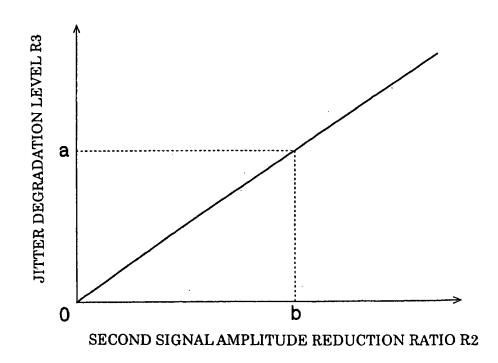


FIG. 7



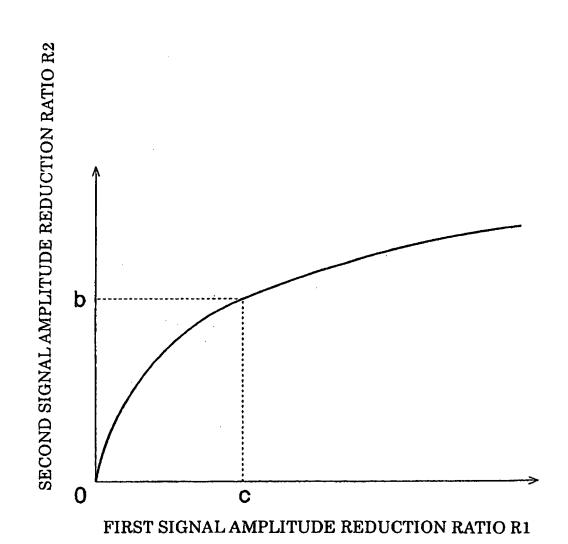


FIG. 8



THE	פרנ	۸n	IACENT	TRACKS
IHI	(11)	AD.	JACENI	IKAUKA

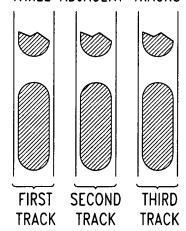


FIG. 9A

THREE ADJACENT TRACKS

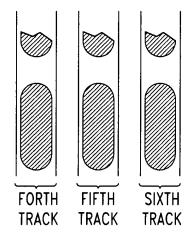


FIG. 9B